

Abstract of the disclosure

A universal attachment assembly for installing, and bracing covers over openings. More particularly securing shutter panels over doors and windows in masonry construction without defacing the walls. Novelty, simplicity, economy, vibration resistance and speed of installation are characteristics of the assembly. Tensile force is created by commercially available ratcheting device 21 and transmitted by flexible, lightweight straps 22 within universal attachment assembly 20. Marginally distributed paired fulcrum holes 23 in shutter 24 provide bearing against the structural rigidity of shutters 24 to convert strap tension into compression by novel specialized structural clamping levers 10. Corner of wall opening 25 is clamped by lever against shutter 24. Elasticity of straps provides resilience in maintaining constant, high, compressive loading against concrete sills, etc. despite fluctuations due to turbulent wind loads. An additional embodiment is structural column assembly 30, which provides braces for garage doors or intermediate structure for wide architectural openings. All applications use identical, unaltered, universal attachment assemblies 20 for: shutter attachment, garage door bracing, and bracing of shutters in large architectural openings. Structural column, 31, herein shown as lumber and termination angle (not shown), provide shear connections of brace to structure.